

## Patent Abstracts of Japan

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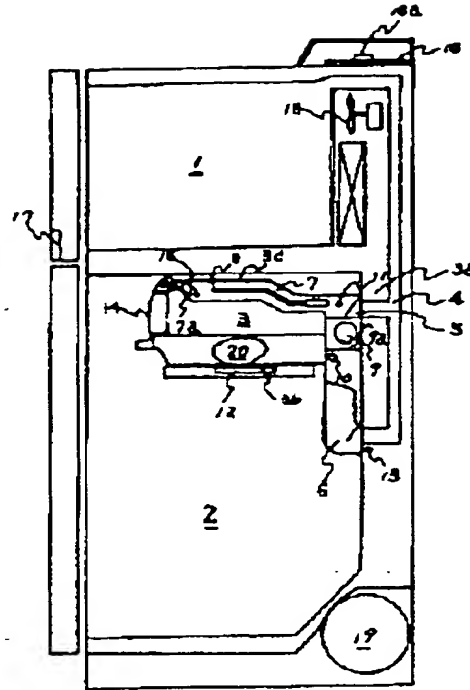
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TITLE : REFRIGERATOR



ABSTRACT : PURPOSE: To effectively control both quick cooling and thawing functions by a simple operation by employing a storage chamber normally as an ice temperature chamber.

CONSTITUTION: A through fan 9 is provided at the back surface of a storage chamber 3, a temperature sensor A10 for controlling the chamber 3 at an ice temperature chamber temperature is mounted, a chilled gas introduction passage 4 is connected to a suction inlet 9a of the fan, a storage chamber chilled gas damper 5 and a temperature sensor B11 are mounted, a thawing heater 8 is mounted in a duct 7 of a storage chamber ceiling, a temperature sensor C12 is mounted at the center 3b of the bottom of the storage chamber, and a storage chamber door 4 and a door switching detecting switch 15 are provided on a front surface. Thus, in the case of quick cooling, setting of a cooling time corresponding to the quality and temperature of food is eliminated, quick cooling is effectively conducted, the food is maintained at a suitable temperature after the quick cooling, and erroneous thawing of food which was forgotten to be removed is eliminated. Setting of a conducting time of a heater corresponding to quality and package of the food in the case of thawing is eliminated, it is effectively thawed, and erroneous quick cooling of the food which is forgotten to be removed is obviated.

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